FORM 15-1
REQUEST FOR NEW CCL COURSE
(page 1 of 2)

Name of College: Southwestern Community College

Chief Academic Officer: Couch, Gene

Chief Academic Officer: Signature

Barnette, Mike
Criminal Justice / Cyber Crime Technology Department Chair

Date

Contact Person

Rationale for New Course
This course will enhance the Cyber Crime Technology curriculum by providing the students with additional expertise and hands-on skills in the data recovery and analysis process. The skills gained from this class will provide students with the necessary job skills to capture and analyze evidence in response to corporate, civil, and criminal incidents.

Supporting Documentation (Complete all sections)

List CCI. Course(s) Similar To Requested Course

How Is New Course Significantly Different?

Colleges That Have Been Consulted

Catawba Valley Community College

Response From Consulted College

Agreed with proposed changes

Proposed New Course Information

Three-Letter Prefix: CCT

Three-Digit Number: 241

Course Title (25 characters including spaces): Advanced Data Recovery

Hours: Classroom 2 Lab/Shop 3 Clinical Work Experience Total Credit 3

Prerequisites: CCT 240 Corequisites:

Description:
A sentence summary of the course using a maximum of 25 words
(This course provides/introduces/cover/s is designed to/Includes . . .
This course further explores the methodologies necessary to assist in the investigation and analysis of cyber crimes.

A sentence listing the major components of the course using a maximum of 25 words
(Topics include/Emphasis is placed on . . .
Topics include commercial and open-source software tools for working with evidence acquisition, data recovery, and encryption.

A sentence listing the competencies of the course using a maximum of 25 words
(Upon completion, students should be able to . . .
Upon completion, students should be able to perform the data recovery and analysis for a complete criminal or corporate investigation.
REQUEST FOR NEW CCL COURSE
(page 2 of 2)

Identify the curriculum(s) for which this course is intended:
Cyber Crime Technology (A 55210)

Check the appropriate box to indicate the area where this new course will be offered:

General Education

☐ Communications
☐ Humanities/Fine Arts

☐ Mathematics
☐ Social/Behavioral Sciences

☐ Natural Sciences

Major Hours

☐ Core
☐ Concentration

☒ Other Major Hours
☐ Premajor/Elective (AA/AS/AFA only)

☐ Restrict to Major
☐ Restrict to Concentration

Other

Please specify ____________________________________________

Identify all the credential levels for which this course is intended:

☒ AAS
☐ Diploma
☐ Certificate

☐ AA/AS/AFA*

*If approved by the Curriculum Review Committee (CRC), course will be forwarded to the Transfer Advisory Committee for consideration for transfer through the Comprehensive Articulation Agreement.

Email completed form to “CRC Request” address located in the GroupWise address book.

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Vice President for Academic and Student Services
North Carolina Community College System
5016 Mail Service Center
Raleigh, NC 27699-5016
**REQUEST FOR NEW CCL COURSE**

**Name of College:** Southwestern Community College

**Chief Academic Officer**
- Last Name: Couch
- First Name: Gene
- MI

**Chief Academic Officer**
- Signature: Burnette, Mike
- Date: Criminal Justice / Cyber Crime Technology Department Chair

**Contact Person**

**Rationale for New Course**
This course will satisfy a void in the Cyber Crime Technology curriculum by providing a mechanism for students to gain the skills necessary to identify and combat computer hackers and malicious software applications. The skills gained would provide students with an unparalleled capacity to effectively insulate and isolate a network from hacking and unauthorized users.

**Supporting Documentation (Complete all sections)**

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**Proposed New Course Information**

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<tr>
<td>CCT</td>
<td>250</td>
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**Course Title (25 characters including spaces):** Network Vulnerabilities I

**Hours:**
- Classroom: 2
- Lab/Shop: 2
- Clinical: 
- Work Experience: 
- Total Credit: 3

**Prerequisites:**

**Corequisites:**

**Description:**
A sentence summary of the course using a maximum of 25 words
*This course provides/introduces/covers/is designed to/includes.*
This course introduces students to penetration testing, network vulnerabilities, and hacking.

A sentence listing the major components of the course using a maximum of 25 words
*Topics include/Emphasis is placed on.*
Topics include an overview of traditional network security, system hardening, and known weaknesses.

A sentence listing the competencies of the course using a maximum of 25 words
*Upon completion, students should be able to.*
Upon completion, students will be able to evaluate weaknesses related to traditional networks, wireless technologies, remote access, and network security devices such as firewalls and intrusion detection systems.
REQUEST FOR NEW CCL COURSE
(page 2 of 2)

Identify the curriculum(s) for which this course is intended:
Cyber Crime Technology (A 55210)

Check the appropriate box to indicate the area where this new course will be offered:

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Other
Please specify ______________________________________________________

Identify all the credential levels for which this course is intended:

| X | AAS                  |
| X | Diploma              |
|   | Certificate          |
|   | AA/AS/AFA*           |

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Name of College
Southwestern Community College

Chief Academic Officer
Couch

Last Name
Gene
First Name
MI

Chief Academic Officer
Signature
Date
Burnette, Mike
Criminal Justice / Cyber Crime Technology Department Chair

Contact Person

Rationale for New Course
This course will satisfy a void in the Cyber Crime Technology curriculum by providing a mechanism for students to gain the skills necessary to identify and combat computer hackers and malicious software applications. The skills gained would provide students with an unparalleled capacity to effectively insulate and isolate a network from hacking and unauthorized users.

Supporting Documentation (Complete all sections)

List CCL Course(s) Similar To Requested Course.

How Is New Course Significantly Different?

Colleges That Have Been Consulted
Catawba Valley Community College

Response From Consulted College
Agreed with proposed changes

Proposed New Course Information

Three-Letter Prefix: CCT
Three-Digit Number: 251

Course Title (25 characters including spaces)

Hours: Classroom 2 Lab/Shop 2 Clinical ______ Work Experience ______ Total Credit 3

Prerequisites:

Corequisites:

Description:
A sentence summary of the course using a maximum of 25 words
(This course provides/introduces/covers/is designed to/includes .)
This course is a continuation of CCT 250 Network Vulnerabilities I.

A sentence listing the major components of the course using a maximum of 25 words
(Topics include/Emphasis is placed on .)
Topics include analyzing advanced techniques for circumventing network security hardware and software

A sentence listing the competencies of the course using a maximum of 25 words
(Upon completion, students should be able to .)
Upon completion, students will be able to assemble a test kit for multiple operating systems, scan and footprint networks, and test all aspects of network vulnerability.
REQUEST FOR NEW CCL COURSE
(page 2 of 2)

Identify the curriculum(s) for which this course is intended:
Cyber Crime Technology (A 55210)

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Other

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AA/AS/AFA*

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<td>Burnett, Mike</td>
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<td></td>
<td>Criminal Justice / Cyber Crime Technology Department Chair</td>
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Rationale for New Course
This course will provide the student in Cyber Crime Technology curriculum with the opportunity to explore advances and developments in emerging trends and topics in Cyber Crime, computer forensics, information security and threat response. The students will gain an understanding and appreciation for ongoing personal and professional development, continued study in their career choice, and social responsibility.

Supporting Documentation (Complete all sections)

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<tr>
<td>Course Title (25 characters including spaces)</td>
<td>Trends in Cyber Crime</td>
<td></td>
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<tr>
<td>Hours: Classroom</td>
<td>2</td>
<td>Lab/Shop</td>
<td>2</td>
</tr>
<tr>
<td>Prerequisites:</td>
<td>Permission of Instructor</td>
<td>Corequisites:</td>
<td></td>
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Description:
A sentence summary of the course using a maximum of 25 words
(This course provides/introduces/cover/is designed to/includes ...)
This course covers and explores advances and developments in cyber crime technologies.
A sentence listing the major components of the course using a maximum of 25 words
(Topics include/Emphasis is placed on ...)
Emphasis is placed on computer forensics tools, information protection and security, threat response, and professional development.

A sentence listing the competencies of the course using a maximum of 25 words
(AUpon completion, students should be able to ...)
Upon completion, students should be able to articulate understanding of the current state of the industry as well as emerging technologies for cyber crime technology.
REQUEST FOR NEW CCL COURSE
(page 2 of 2)

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